

ON TWO HAWAIIAN CERITHIIDÆ.

BY H. A. PILSBRY AND E. G. VANATTA.

Cerithium thaanumi n. sp.

Shell slender, turreted, with slightly convex outlines below, acuminate above. Brownish-white, very sparsely maculate with brown. Varices very low and inconspicuous, two on a whorl. The last whorl has a low wide varix opposite the lip, is excavated at the base, and produced in a short, straight anterior canal. Sculpture of rather coarse spiral cords with a smooth thread in each interval, three of the larger cords on the penultimate and earlier whorls granose. Whorls 12 (without the nucleus), convex. Aperture small, the outer lip very strongly arcuate, thin; basal notch deep, rounded and contracted. Length 14.2, diam. 4.5, longest axis of aperture without canal 3 mm.

Hilo, Hawaii. (Mr. D. Tha anum.) Types No. 85,855, Coll. A. N. S. Phila.

A more slender shell than *C. nesioticum*, more coarsely sculptured, with convex whorls and smaller, more laterally expanded aperture.

Cerithium hawaiiense n. sp.

Shell minute, purplish-black, the whorls of the spire carinated a short distance above the suture, acutely so on the earlier whorls; strongly plicate above the carina, the folds rounded, about as wide as the intervals, obsolete or reduced to ripples on the latter half of the last whorl. There is one strong varix, usually white, on the back of the last whorl; the whole surface closely striate spirally throughout. Whorls 7 or 8, the last shortly produced below. Aperture ovate, the outer lip evenly arcuate; basal notch short, deep and open. Length 3.5, diam. 1.2 mm.

Hilo, Hawaii. (D. Tha anum.) Types No. 90,089, Coll. A. N. S. Phila. There are also specimens in the collections of D. Tha anum, S. Raymond Roberts, and the Australian Museum at Sydney.

Its more striking characters are the acute keel on the earlier whorls and the regular wave-like folds above the keel.